CW: Effects of ‘a’ vertex form

Honors Geometry

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Complete the table and graph the equations.

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1. Explain how a effects each of the equations.
2. Does it matter which form the equation is written? Will a represent the same thing? How do you know?
3. When would vertex form be helpful?